

## CYGB

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC IF

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:100

**Calculated MW:**21kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human CYGB

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

HGB; STAP;

**Background:**

This gene encodes a globin protein found in vertebrate cells. The encoded protein is described as a hexacoordinate hemoglobin which binds ligand differently from the pentacoordinate hemoglobins involved in oxygen transport, and may be involved in protection during oxidative stress. This gene is located on chromosome 17 in the same region as a retinal gene which is mutated in progressive rod-cone degeneration, but in the opposite orientation.

*To place an order, please [Click HERE](#).*

**Catalog #:**A6488

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**114757

**Isotype:**IgG

**Swiss Prot:**Q8WWM9

**Purity:**Affinity purification

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